

NIKE MISSILE BASE C-84,  
ACID FUELING STATION  
North of Launch Area Entrance Drive,  
Eastern Central Portion of Base  
Vicinity of Barrington  
Lake County  
Illinois

HAER No. IL-116-M

HAER  
ILL  
49-BARR-V,  
IM -

WRITTEN HISTORICAL AND DESCRIPTIVE DATA  
PHOTOGRAPHS

Historic American Engineering Record  
National Park Service  
Department of the Interior  
Denver, Colorado 80225-0287

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**Significance:** At the acid fueling station, Nike crews fueled the booster, and attached it to the missile. The missiles were also armed with their warheads at the acid fueling station. The station was built in 1956 from standardized drawings approved by the Corps of Engineers, most of which were designed by the firm of Leon Chatelian, Jr., of Washington, D.C.

**Description:** The acid fueling station is comprised of a series of shallow troughs. This area was used to load liquid fuel into the sustainer motor of the Ajax missiles. Because of the caustic nature of the fuel, the area is equipped with an emergency showerhead. A large, earthen berm, approximately 8-10' high, surrounds this area in a semi-circle as a precaution against explosion.

**Historian:** Christina Carlson, Bregman & Company, Inc., Bethesda, Maryland, June 1994